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**Notice of Allowability**

Application No.

09/991,561

Examiner

Neveen Abel-Jalil

Applicant(s)

VOS ET AL.

Art Unit

2165

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to November 17, 2004 *CT.DS approved*  
*filed 6/20/05 + 11/17/05*
2. ☒ The allowed claim(s) is/are 1-39.
3. ☒ The drawings filed on 11/21/01 & 11/17/04 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some\* c) ☐ None of the:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.  
(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached  
1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.  
(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.  
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date 6/20/05
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

*Jeffrey Gaffin*  
JEFFREY GAFFIN  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100

## DETAILED ACTION

### Remarks

1. The Amendment filed on 17-November-2004 has been received and entered. Claims 1-39 are now pending.

### *Reasons for Allowance*

2. Claims 1-39 are allowed over the prior art made of record.

3. The following is a statement of reasons for allowance:

The prior art of record (Leung et al. -U.S. Patent No. 6,282,570-and-Agarwal et al.-U.S. Patent No. 6,370,522) do not disclose, teach, or suggest the claimed limitations of (in combination with all other features in the claim), automatically determining a schedule for performing the actions on the database objects; performing the actions on the database objects based on the schedule; confirming the performing the actions on the database objects, as claimed in Independent claim 1.

Claims 2-13 are allowable over the prior art made of record, because they are dependent from the allowable independent claim 1.

The prior art of record (Leung et al. -U.S. Patent No. 6,282,570-and-Agarwal et al.-U.S. Patent No. 6,370,522) do not disclose, teach, or suggest the claimed limitations of (in combination with all other features in the claim), automatically determining a schedule for

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performing the actions on the database objects; performing the actions on the database objects based on the schedule, as claimed in Independent claim 14.

Claims 15-25 are allowable over the prior art made of record, because they are dependent from the allowable independent claim 14.

The prior art of record (Leung et al. -U.S. Patent No. 6,282,570-and-Agarwal et al.-U.S. Patent No. 6,370,522) do not disclose, teach, or suggest the claimed limitations of (in combination with all other features in the claim), automatically determine a schedule for performing the actions on the database objects; perform the actions on the database objects based on the schedule, as claimed in Independent claim 27.

Claims 28-39 are allowable over the prior art made of record, because they are dependent from the allowable independent claim 27.

### ***Conclusion***

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Neveen Abel-Jalil whose telephone number is 571-272-4074. The examiner can normally be reached on 8:30AM-5: 30PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dov Popovici can be reached on 571-272-4038. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Neveen Abel-Jalil  
June 16, 2005